**** CONFIDENTIAL ****
****PRE-DECISIONAL DOCUMENT ****
**** SUMMARY SCORESHEET ****
**** FOR COMPUTING PROJECTED HRS SCORE ****

**** Do Not Cite or Quote ****

Site Name: Former Stop and Wash   Region: 2

City, County, State: Plainfield, Union NJ   Evaluator: Kim Ward

EPA ID#: NJN000206278   Date: 9/30/2008

Lat/Long: + 74.405526/ - 40.626453   T/R/S: Plainfield
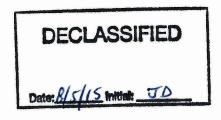
Congressional District:

This Scoresheet is for: Combined PA/SI

Scenario Name: Site Investigation

Description: Facility was a former coin operated laundromat with at least one self-serve dry cleaning machine. Shallow ground water on the property has been impacted with PCE contamination attributable to former operations on the site. Background ground water samples have identified a shallow PCE ground water plume migrating across the site at lower conceentrations than PCE detected in ground water on the site.

	S pathway	S^2 pathway
Ground Water Migration Pathway Score (S_{gw})	100	10000
Surface Water Migration Pathway Score (S_{sw})		
Soil Exposure Pathway Score (S_s)		
Air Migration Score (S_a)		
$S^2_{gw} + S^2_{sw} + S^2_s + S^2_a$		10000
$(S^2_{gw} + S^2_{sw} + S^2_s + S^2_a)/4$		2500
$\sqrt{(S^2_{gw} + S^2_{sw} + S^2_s + S^2_a)/4}$		50

✱ Pathways not assigned a score (explain):

DECLASSIFIED

Date: 8/5/15 Initials: JD

Table 3-1 --Ground Water Migration Pathway Scoresheet

Factor categories and factors	Maximum Value	Value Assigned	
Aquifer Evaluated: New Brunswick Formation			
Likelihood of Release to an Aquifer:			
1. Observed Release	550	550	
2. Potential to Release:			
2a. Containment	10	10	
2b. Net Precipitation	10	6	
2c. Depth to Aquifer	5	3	
2d. Travel Time	35	15	
2e. Potential to Release [lines 2a(2b + 2c + 2d)]	500	240	
3. Likelihood of Release (higher of lines 1 and 2e)	550		550
Waste Characteristics:			
4. Toxicity/Mobility	(a)	100	
5. Hazardous Waste Quantity	(a)	10	
6. Waste Characteristics	100		6
Targets:			
7. Nearest Well	(b)	18	
8. Population:			
8a. Level I Concentrations	(b)		
8b. Level II Concentrations	(b)		
8c. Potential Contamination	(b)	6336	
8d. Population (lines 8a + 8b + 8c)	(b)	6336	
9. Resources	5	5	
10. Wellhead Protection Area	20	20	
11. Targets (lines 7 + 8d + 9 + 10)	(b)		6379
Ground Water Migration Score for an Aquifer:			
12. Aquifer Score [(lines 3 x 6 x 11)/82,5000][c]	100		100
Ground Water Migration Pathway Score:			
13. Pathway Score (S_{gw}), (highest value from line 12 for all aquifers evaluated)[c]	100		100

[a] Maximum value applies to waste characteristics category

[b] Maximum value not applicable

[c] Do not round to nearest integer